

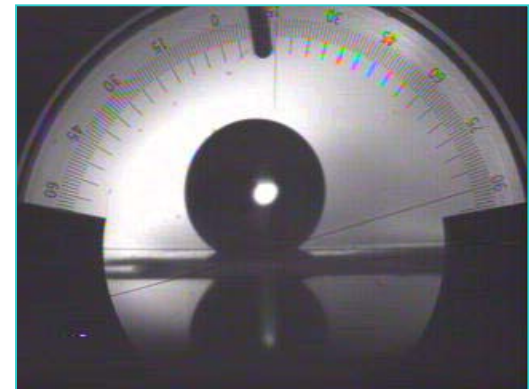
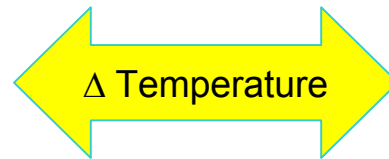
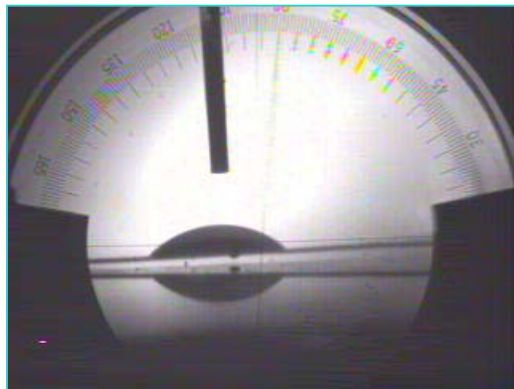


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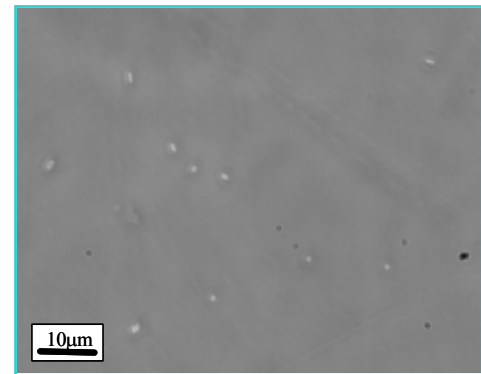
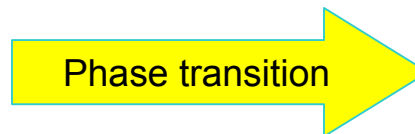
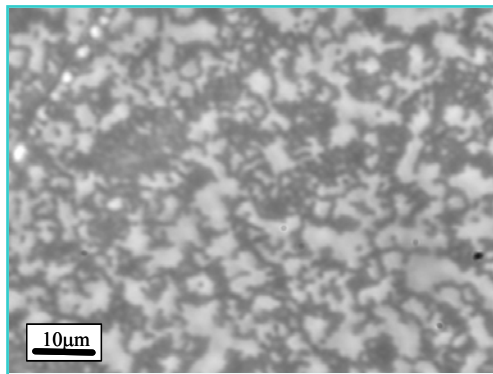
# REU Site in Microengineered Materials

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## Controlled Release Of Bacteria From A Surface Using The Phase Transitions of PNIPAAm



REU student Boris Russ and Prof. Gabriel Lopez have exploited this surface energy change in order to controllably attach and release bacteria from solid surfaces



During the summer of 2004, 12 students from universities around the USA participated in the UNM REU program in Microengineered Materials. The students did hands-on research, attended seminars, did field trips to Intel and Sandia and Los Alamos National Labs and made a total of 3 research presentations attended by faculty and mentors. The student group was diverse with 4 women and 3 students from minority groups underrepresented in science and engineering.

